

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A cabinet for a refrigeration compressor delimiting an inner space designed to receive electrical and electronic components, comprising:

at least one support for the electrical and electronic components; and
a cap having an open side face delimited by an edge whose shape at least partially matches the shape of a side wall of the compressor, the cap being intended to be applied by its open side face against the side wall of the compressor, thus forming a wall of the cabinet;

wherein the cap has seals on at least part of its edge in contact with the side wall of the compressor; and

wherein the at least one support, the cap and the side wall of the compressor define and sufficiently enclose the inner space of the cabinet, such that the side wall of the compressor is in direct contact with the inner space of the cabinet to cool the cabinet and the electrical and electronic components.

2. (Original) The cabinet according to Claim 1, wherein the support for the electrical and electronic components comprises at least one horizontal plate attached at one of its ends to the side wall of the compressor, and covered by the cap.

3. (Canceled)

4. (Original) The cabinet according to Claim 1, wherein the cap has a convex general shape.

5. (Original) The cabinet according to Claim 1, wherein the support is designed to enable liquid residues to be evacuated.

6. (Original) The cabinet according to Claim 1, wherein the support is attached to the lower part of the compressor.

7. (Original) The cabinet according to Claim 1, wherein the support has means for attaching the cap.

8. (Original) The cabinet according to Claim 1, wherein the support is made of plastic supporting the wiring and attachment of the electrical and electronic components.

9. (Original) The cabinet according to Claim 1, wherein the support is made of metal.

10. (Original) The cabinet according to Claim 1, wherein the protective cap is made of ABS (acrylonitrile butadiene styrene)

11. (New) A cabinet for enclosing at least one of an electrical component and an electronic component for use with a refrigeration compressor, the refrigeration compressor defining a side wall having an operating temperature during compressor operation below ambient temperature, the cabinet comprising:

a support defining an upper face that contacts and supports the at least one electrical component and electronic component; and

a cap having a concave side defined by an edge that at least partially substantially corresponds to a shape of the side wall, the cap being connected to the support and the side wall such that the upper face, the cap and the side wall define an inner space that is sufficiently sealed to enable the side wall to cool the inner space to a temperature below the ambient temperature.